JUN 2 4 2008 8

PTO/SB/08a (11-07)
Approved for use through 11/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

	Complete if Known	
Application Number	10/750,622	
Filing Date	December 31, 2003	
First Named Inventor	Sue K. DeNise	
Art Unit	1637	
Examiner Name	David C. Thomas	
Attorney Docket Number	MMI-0102 (14972.105004)	

	<u> </u>		U.S. PATENT	OCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	. Cited Document	Passages or Relevant Figures Appear	
	AA	US-6,103,446	08/15/2000			
	AB	US- 2003/0129609 A1	07/10/2003			
	AC	US- 2003/0104424 A1	06/05/2003			
	AD	US- 2003/0190644 A1	10/09/2003			
	AE	US- 6,218,119	04/17/2001			
	AF	US- 2002/0123058 A1	09/05/2002			
	AG	US- 2002/0137139 A1	09/26/2002			
	AH	US- 2002/0137160 A1	09/26/2002		·	
	Al	US- 2002/0119442 A1	08/29/2002			
	AJ	US- 2002/0107211 A1	08/08/2002			
	AK	US- 6,458,531	10/01/2002			
	AL	US- 6,701,869	03/09/2004			
	AM	US- 2003/0219819 A1	11/27/2003			
	AN	US- 6,383,751 B1	05/07/2002			
	AO	US- 5,582,987	12/10/1996			
		US-				
	<b>1</b>	US-				
		US-				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	0.11	Foreign Patent Document	O. blication	Name of Patentee or	Pages, Columns, Lines,			
	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>		
	AP	WO02/076190 A2	10/03/2002					
	AQ	WO02/09510 A2	07/02/2002					
	AR	WO02/072871 A2	09/19/2002					
	AS	W001/21801 A1	03/29/2001					
	AT	. WO02/40709 A2	05/23/2002					
	AU	WO02/059374 A1	08/01/2002					

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	e for form 1449A/PT	0		Complete if Known		
				Application Number	10/750,622	
INFO	RMATION	DIS	CLOSURE	Filing Date	December 31, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Sue K. DeNise	
				Art Unit	1637	
	(Use as many sh	eets as	necessary)	Examiner Name	David C. Thomas	
Sheet	2	of	4	Attorney Docket Number	MMI-0102 (14972.105004)	

U.S. PATENT DOCUMENTS						
Examiner	Cito	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant	
Initials *	Cite No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Pessages or Relevant Figures Appear	
		US-				
		US-				
		US-				
· ·		US-				
		US-				
		US-				
		US-				
		US-			-	
	I	US-				
		US-				
		US-				
		US-				
		US-		•		
		US-				
		US-				
		US-				
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		
·	BA	WO04/013346 A2	02/12/2004					
	BB	WO02/064749 A2	08/22/2002					
			i					
			<del></del>					
					-			

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ant/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 11/30/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

· s	ubstitute fo	or form 1449B/PTO				Complete if Known
	NEOE	BAATION.	DIC	CL OCUPE	Application Number	10/750,622
				CLOSURE	Filing Date	December 31, 2003
S	STATI	EMENT B	YA	PPLICANT	First Named Inventor	Sue K. DeNise
					Art Unit	1637
	1	(Use as many she	ets as	necessary)	Examiner Name	David C. Thomas
S	Sheet	3	of	4	Attorney Docket Number	MMI-0102 (14972.105004)

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	ZHANG, H.M., et al., "Rapid Communication: A Novel DNA Polymorphism of the Bovine Calpain Gene Detected by PCR-RFLP Analysis", J. Anim. Sci. 1996; 74:1441	
	СВ	DAVIS, G.P., et al., "The Impact of Genetic Markers on Selection", J. Anim. Sci 1998, 76:2331-2339	
	сс	DENISE, S.K., et al., "Genetic Parameter Estimates for Postweaning Traits of Beef Cattle in a Stressful Environment", J. Anim. Sci. 1989, 67:2619-2626	
<del></del>	·CD	DU, F.X., et al., "Heterozygosity for Genes Influencing a Quantitative Trait", J. Anim. Sci. 2002, 80:1478-1488	
	CE	UNANIAN, M.M., et al., "Rapid Communication: Polymerase Chain Reaction-Restriction Fragment Length Polymorphism in the Bovine Growth Hormone Gene", J. Anim. Sci. 1994, 72:2203	
	CF	ZHANG, H.M., et al., "Rapid Communication: Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis of the Bovine Somatotropin Gene", J. Anim. Sci. 1993, 71:2276	
	CG	ZHANG, H.M., et al., "Rapid Communication: Diallelic Single-Stranded Conformational Polymorphism Detected in the Bovine Prolactin Gene", J. Anim. Sci. 1994, 72:256	
	СН	AX, R.L., et al. "New developments in managing the bull: Factors Affecting Calf Corp: Biotechnology of Reproduction", CRC Press, 2001.	
	CI	DENISE, S.K., et al., "Genetic Technologies: Factors Affecting Calf Corp: Biotechnology of Reproduction", CRC Press, 2001	
	C1	DENISE, R.S.K., et al. ""Genetic and environmental aspects of the growth curve parameters in beef cows", J. Anim. Sci. 1985, 61:1431	
	СК	DENISE, R.S.K., et al., "Relationships among postweaning weights and gains of cattle raised under range and gain test environments", J. Anim. Sci. 1987, 84:969	
	CL	DENISE, R.S.K., et al., "Relationships among udder shape, udder capacity, cow longevity and calf weights", J. Anim. Sci. 1987, 65:366	
	СМ	TANIDA, H., et al., "Genetic aspects of longevity in Angus and Hereford cows", J. Anim. Sci. 1988, 66:640	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(11-07)

Approved for use through 11/30/2007, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known 10/750,622 Application Number INFORMATION DISCLOSURE December 31, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Sue K. DeNise Art Unit 1637 (Use as many sheets as necessary) Examiner Name David C. Thomas MMI-0102 (14972.105004) Sheet Attorney Docket Number

	_	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CN	ZHANG, H.M., et al., "Nucleotide sequence determination of a bovine somatotropin allele", An. Genetics., 1993, 23:578	
	со	LAGZIEL, A., et al., "Geographic and breed distribution of an MspI PCR-RFLP in the bovine growth hormone (bGH) gene", Anim Genet. 2000, 31:1-4	
	СР	DENISE, S.K., et al., "The use of genetic markers in dairy and beef cattle improvement: Proc. Southwest Nutr. And Manage", Conf., Tempe, AZ 1993	
	co	DENISE, S.K., et al., "Genetic screening for disease and production: Proc. Western Canadian Dairy Sem.", Red Deer, Alberta 1993	
	CR	DENISE, S.K., et al., "Incorporation of molecular genetic information into genetic prediction models: Proc. Genetic Prediction Workshop, Beef Improvement Federation", Kansas City, Jan. 1994	
	cs	DENISE, S.K., et al., "Gene mapping, marker-assisted selection, QTLs-Boiling it down to cowboy lingo. Proc. Beef Improvement Federation Annual Meeting", Des Molnes, Iowa, June 1994	
	СТ	DENISE, S.K., "Biotechnology and Animal Breeding: What can we use today and what does the future hold?" Great Plains Beef Cattle Handbook 1994	
٠.			
		·	

			,
Examiner Signature	/David Thomas/	Date Considered	07/08/2008

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include conv. of this form with next communication to applicant.

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (11-07)

Approved for use through 11/S0/2007, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute	for form 1449A/PTC	)		· Complete if Known		
					Application Number	10/750,622	
	INFO	RMATION	DIS	CLOSURE	Filing Date	December 31, 2003	
	STATEMENT BY APPLICANT				First Named Inventor	Sue K. DeNise	
					Art Unit	1637	
		(Use as many she	ets as	necessary)	Examiner Name	David C. Thomas	
_	Sheet	1	of	4	Attorney Dockei Number	MMI-0102 (14972.105004)	

~	Cite	Docriment Notitipes	Publication Date	Name of Petentee or Applicant of	Pages, Columns, Lines, Where Relevant
Examiner initials *	No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Pessages or Relevant Figures Appear
	AA	US-8,103,446	08/15/2000		
	AB	US- 2003/0129609 A1	07/10/2003		
	AC	US- 2003/0104424 A1	06/05/2003		
	AD.	US- 2003/0190644 A1	10/09/2003		
	AE	US- 6,213,119	04/17/2001		·
	AF	US- 2002/0123058 A1	09/05/2002		
	AG	US- 2002/0137139 A1	09/26/2002		
	AH	US- 2002/0137160 A1	09/26/2002		
	.A.	US- 2002/0119442 A1	08/29/2002		
	AJ	US- 2002/0107211 A1	08/08/2002		
	AK	US- 8,458,531	10/01/2002		
	AL	US- 5,701,869	03/09/2004		
	AM	US- 2003/0219819 A1	11/27/2003		
	AN	US- 5,383,751 B1	05/07/2002		
	AO	US- 5,582,987	12/10/1996		
		US-			
		US-			
	1	US-			

	FOREIGN PATENT DOCUMENTS										
~	T	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant						
Examiner initials*	Examiner Cite initials No.	Country Code <sup>5</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	τ.					
	AP	WO02/076190 A2	10/03/2002								
	AQ	W002/09510 A2	07/02/2002								
	AR	WO02/072871 A2	09/19/2002								
	AS	WO01/21801 A1	03/29/2001								
	AT	WO02/40709 A2	05/23/2002								
	AU	WO02/059374 A1	08/01/2002			·····					

	D-i-	
Examiner	Date	
Signature	Considered	

"EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usole.gov">www.usole.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbots as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1,97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TC: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Penerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	te for form 1449A/PT	Ö		Complete if Known				
				Application Number	10/750,622			
INF	DRMATION	DIS	CLOSURE	Filing Data	December 31, 2003			
STA	TEMENT B	YA	PPLICANT	First Named Inventor	Sue K. DeNise			
				Art Unit	1637			
	(Use as many sh	eets as	necessary)	Examiner Name	David C. Thomas			
Sheet	2 .	of	4	Attorney Docket Number	MMI-0102 (14972.105004)	1		

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document-Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
Inibals *	No.	Number - Kind Code <sup>2</sup> ( <i>if known</i> )	MM-DD-YYYY	Cited Edecument	Passages or Relevent Figures Appear		
		US-					
		US-					
		US-					
******************		US-					
************	1	us-					
	T	บุร-					
		US-		-	·		
		US-					
		US-					
<del></del>	1	US-					
··········		US-					
	1	US-					
		US-					
		US-					
	1	US-					
		US-					
	1	US-					
	1	US-					

	FOREIGN PATENT DOCUMENTS									
		Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,					
Examiner initials*	Examiner Cite No.'	Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MW-DD-YYYY Date MW-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Åυ				
	BA	WO04/013346 A2	02/12/2004							
	នម	WQ02/064749 A2	08/22/2002							
						···				

	***************************************		<del>(</del>
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usuto.cov">www.usuto.cov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is sitached.

Translation is attached.
This cotlection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a cosection of information unless it contains a valid CMB control number

5	Substitute for form 1449B/PTO				Complete if Known		
	131FAF	388 A TIME!	210	OL OCHIDE	Application Number	10/750,622	
9 '				CLOSURE	Filing Date	December 31, 2003	
	STAT	EMENT B	YA	PPLICANT	First Named Inventor	Sue K. DeNise	
					Art Unit	1637	
	(Use as many sheets as necessary)				Examiner Name	David C. Thomas	
	Sheet	3	of	4	Attorney Docket Number	MMI-0102 (14972,105004)	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *						
	CA	ZHANG, H.M., et al., "Rapid Communication: A Novel DNA Polymorphism of the Bovine Calpain Gene Detected by PCR-RFLP Analysis"; J. Anim. Sci. 1996; 74:1441				
	СВ	DAVIS, G.P., et al., "The Impact of Genetic Markers on Selection", J. Anim, Sci 1998, 76:2331-2339				
	cc	DENISE, S.K., et al., "Genetic Parameter Estimates for Postweaning Traits of Beef Cattle in a Stressful Environment", J. Anim. Sci. 1989, 67:2619-2625				
	CD	DU, F.X., et al., "Heterozygosity for Genes Influencing a Quantitative Trait", J. Anim. Sci. 2002, 80:1478-1486				
	CE	UNANIAN, M.M., et al., "Rapid Communication: Polymerase Chaîn Reaction-Restriction Fragment Length Polymorphism in the Bovine Growth Hormone Gene", J. Anim. Sci. 1994, 72:2203.				
	CF	ZHANG, H.M., et al., "Rapid Communication: Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis of the Bovine Somatotropin Gene", J. Anlm. Sci. 1993, 71:2276				
	cg	ZHANG, H.M., et al., "Rapid Communication: Diatletic Single-Stranded Conformational Polymorphism Detected in the Bovine Prolactin Gene", J. Anim. Sci. 1994, 72:256				
	CH	AX, R.L., et al. "New developments in managing the bull: Factors Affecting Calf Corp. Biotechnology of Reproduction", CRC Press, 2601.	<b> </b>			
****	CI	DENISE, S.K., et al., "Genetic Technologies: Factors Affecting Calf Corp: Blotechnology of Reproduction", CRC Press, 2001				
······································	Cl	DENISE, R.S.K., et al. ""Genetic and environmental aspects of the growth curve parameters in beef cows", J. Anim, Sci. 1985, 61:1431				
	ск	DENISE, R.S.K., et al., "Relationships among postweaning weights and gains of cattle raised under range and gain test environments", J. Anim. Sci. 1987, 64:969				
	CL	DENISE, R.S.K., et al., "Relationships among udder shape, udder capacity, cow longevity and call weights", J. Anim. Sci. 1987, 65;366				
	СМ	TANIDA, H., et al., "Genetic aspects of longevity in Angus and Hereford cows", J. Anim. Sci. 1988, 66:640				

***************************************	 	
Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

<sup>\*</sup>EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.93. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief information. Office 11.5. Department of Commerce R.O. Box 1450. Alexandric VA 22312 4450. Fig. NOT Section. Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(11-07)

Approved for use through 11/39/2007. CMB 0651-0631 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number 10/750,622 INFORMATION DISCLOSURE December 31, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Sue K. DeNise Art-Unit 1637 (Use as many sheets as necessary) Examiner Name David C. Thomas MMI-0102 (14972.105004) Attorney Docket Number Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ţ²
	CN	ZHANG, H.M., et al., "Nucleotide sequence determination of a bovine somatotropin aliele", An. Genetics., 1993, 23:578	
	со	LAGZ/EL, A., et al., "Geographic and breed distribution of an Mspt PCR-RFLP in the bovine growth hormone (bGH) gene", Anim Genet. 2000, 31:1-4	
	СР	DENISE, S.K., et al., "The use of genetic markers in dairy and beef cattle improvement: Proc. Southwest Nutr. And Manage", Conf., Tempe, AZ 1993	
	cq	DENISE, S.K., et at., "Genetic screening for disease and production: Proc. Western Canadian Dairy Sem.", Red Deer, Alberta 1993	
	CR	DENISE, S.K., et al., "Incorporation of molecular genetic information into genetic prediction models: Proc. Genetic Prediction Workshop, Beef Improvement Federation", Kansas City, Jan. 1994	
***************************************	cs	DENISE, S.K., et al., "Gene mapping, marker-assisted selection, QTLs-Boiling it down to cowboy linge. Proc Seef improvement Federation Annual Meeting", Des Moines, Iowa, June 1994	
	ст	DENISE, S.K., "Biotechnology and Animal Breeding: What can we use today and what does the future hold?" Great Plains Beef Cattle Handbook 1994	

Examiner Signature /David Thomas/ Date Considered 07/08/2008		<del>                                     </del>	1	
	Examiner	/David Thansad	Date	
	Signature	/David Thomas/	1	01700/2000

<sup>\*</sup>EXAMINER, Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.